Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011623\
Data File : BF132074.D
Acq On : 16 Jan 2023 17:12
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Jan 17 00:30:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 00:25:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.098	152	188135	20.000	ng		0.00
21) Naphthalene-d8	8.386	136	682833	20.000	ng		0.00
39) Acenaphthene-d10	10.151	164	358499	20.000	ng		0.00
64) Phenanthrene-d10	11.651	188	687467	20.000	ng		0.00
76) Chrysene-d12	14.315	240	572766	20.000	ng		0.00
86) Perylene-d12	15.915	264	465845	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.710	112	225162	19.721	ng		0.00
7) Phenol-d6	6.698	99	279976	18.495	ng		-0.01
23) Nitrobenzene-d5	7.651	82	160538	9.758	ng		-0.01
42) 2,4,6-Tribromophenol	10.939	330	49184	11.932	ng		0.00
45) 2-Fluorobiphenyl	9.463	172	541562	20.393	ng		0.00
79) Terphenyl-d14	13.239	244	624934	15.638	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.051	88	55198	11.069	ng		97
3) Pyridine	3.810	79	152611	10.905	ng		96
4) n-Nitrosodimethylamine	3.751	42	57979	8.815	ng	#	95
6) Aniline	6.757	93	197060	9.894	ng		97
8) 2-Chlorophenol	6.875	128	107034	9.344	ng		97
9) Benzaldehyde	6.645	77	104346	10.359	ng		99
10) Phenol	6.710	94	142915	8.463	ng		98
11) bis(2-Chloroethyl)ether	6.822	93	127135	9.987	ng		99
12) 1,3-Dichlorobenzene	7.039	146	138431	10.850	ng		97
13) 1,4-Dichlorobenzene	7.116	146	140880	10.913	ng		99
14) 1,2-Dichlorobenzene	7.269	146	133551	10.892	ng		98
15) Benzyl Alcohol	7.222	79	86349m	6.550	ng		
16) 2,2'-oxybis(1-Chloropr...	7.363	45	140108	8.721	ng		99
17) 2-Methylphenol	7.328	107	101822	8.982	ng		98
18) Hexachloroethane	7.616	117	35608	6.670	ng		94
19) n-Nitroso-di-n-propyla...	7.492	70	79446	7.255	ng		97
20) 3+4-Methylphenols	7.475	107	129799	8.918	ng		93
22) Acetophenone	7.498	105	177905	8.948	ng	#	96
24) Nitrobenzene	7.675	77	90075	5.378	ng		99
25) Isophorone	7.910	82	238134	7.748	ng		99
26) 2-Nitrophenol	7.992	139	17646	2.678	ng		95
27) 2,4-Dimethylphenol	8.016	122	99494	9.045	ng		97
28) bis(2-Chloroethoxy)met...	8.116	93	144618	8.502	ng		98
29) 2,4-Dichlorophenol	8.228	162	84232	7.476	ng		96
30) 1,2,4-Trichlorobenzene	8.322	180	117355	9.094	ng		97
31) Naphthalene	8.404	128	373537	10.351	ng		99
32) Benzoic acid	8.069	122	17409	2.730	ng		93
33) 4-Chloroaniline	8.445	127	153319	10.296	ng		99
34) Hexachlorobutadiene	8.522	225	71622	8.005	ng		99
35) Caprolactam	8.781	113	12821	3.874	ng		90
36) 4-Chloro-3-methylphenol	8.910	107	93101	7.040	ng		96
37) 2-Methylnaphthalene	9.098	142	259598	10.016	ng		98
38) 1-Methylnaphthalene	9.198	142	239871	9.990	ng		100
40) 1,2,4,5-Tetrachloroben...	9.263	216	122883	9.727	ng		98
41) Hexachlorocyclopentadiene	9.251	237	33144	6.569	ng		99
43) 2,4,6-Trichlorophenol	9.369	196	51703	6.800	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.404	196	66312	7.491	ng		99
46) 1,1'-Biphenyl	9.563	154	303089	10.954	ng		98
47) 2-Chloronaphthalene	9.592	162	226821	10.562	ng		99
48) 2-Nitroaniline	9.680	65	18942	2.428	ng		93
49) Acenaphthylene	10.010	152	374588	11.240	ng		99
50) Dimethylphthalate	9.857	163	222293	7.955	ng		99
51) 2,6-Dinitrotoluene	9.922	165	23980	4.080	ng		94
52) Acenaphthene	10.186	154	220277	11.011	ng		99
53) 3-Nitroaniline	10.092	138	26844	4.708	ng		95
54) 2,4-Dinitrophenol	10.192	184	9277	3.144	ng	#	1
55) Dibenzofuran	10.357	168	333679	10.582	ng		97
56) 4-Nitrophenol	10.227	139	24241	7.547	ng		96
57) 2,4-Dinitrotoluene	10.322	165	26246	3.340	ng	#	87
58) Fluorene	10.704	166	257511	10.223	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.469	232	46400	7.034	ng		96
60) Diethylphthalate	10.563	149	181542	6.607	ng		98
61) 4-Chlorophenyl-phenyle...	10.692	204	129248	8.963	ng		93
62) 4-Nitroaniline	10.704	138	30558	5.960	ng		81
63) Azobenzene	10.851	77	265172	9.097	ng		98
65) 4,6-Dinitro-2-methylph...	10.727	198	12064	2.721	ng		96
66) n-Nitrosodiphenylamine	10.804	169	217128	10.067	ng		99
67) 4-Bromophenyl-phenylether	11.186	248	79453	9.239	ng		96
68) Hexachlorobenzene	11.251	284	84311	9.691	ng		98
69) Atrazine	11.327	200	39569	5.045	ng		98
70) Pentachlorophenol	11.439	266	34212	8.292	ng		99
71) Phenanthrene	11.674	178	380595	10.620	ng		99
72) Anthracene	11.727	178	398046	10.789	ng		99
73) Carbazole	11.874	167	352453	11.539	ng		99
74) Di-n-butylphthalate	12.204	149	134948	3.173	ng		99
75) Fluoranthene	12.874	202	436560	10.831	ng		98
77) Benzidine	12.986	184	37139	1.952	ng		97
78) Pyrene	13.104	202	455407	8.718	ng		97
80) Butylbenzylphthalate	13.716	149	31934	1.514	ng		90
81) Benzo(a)anthracene	14.304	228	399798	9.594	ng		98
82) 3,3'-Dichlorobenzidine	14.257	252	57366	4.411	ng	#	98
83) Chrysene	14.339	228	385511	9.899	ng		98
84) Bis(2-ethylhexyl)phtha...	14.280	149	46161	1.616	ng		98
85) Di-n-octyl phthalate	14.915	149	63568	1.626	ng	#	81
87) Indeno(1,2,3-cd)pyrene	17.574	276	233477	8.172	ng		98
88) Benzo(b)fluoranthene	15.427	252	295946	9.262	ng		98
89) Benzo(k)fluoranthene	15.462	252	306978	9.627	ng		98
90) Benzo(a)pyrene	15.839	252	268392	9.323	ng		98
91) Dibenzo(a,h)anthracene	17.598	278	183941	7.680	ng		97
92) Benzo(g,h,i)perylene	18.080	276	190809	8.345	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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